

200 Round Jack Function Test (all 10 guns)

- Shoot all ten guns a total of 200 Rounds each using a mix of available Remington .30-06 Cal. ammunition. Record all malfunctions, part breakage's or any other event that may occur. Note: Shoot the first 10 rounds through each gun using a lanyard as if proofing the gun. Inspect the gun and 10 spent cases before continuing with the endurance. Follow standard endurance procedures for the remaining 190 Rounds.

500 round jack function test (1 gun)

- Continue 1 gun to 500 total rounds using a mix of Remington and competitive ammunition. Record all malfunctions, part breakage's or any other event that may occur. Follow standard endurance procedures.

ISS Abuse Test(8 guns)

- This test should be performed on 4 samples each of the two proposed bolt plug designs.
- The test should be performed with **no live ammo or primed cases**. The gun should be empty.
- Make sure the safety is in the "On" safe position.
- Lock the ISS system with the tool. (No red dot visible)
- Check the gun for live ammo.
- Attempt to close the gun using excessive force if needed.
- Open the bolt and remove it from the gun.
- Disassemble the firing pin assembly from the bolt body and inspect the bolt plug for damage, cracks etc. Use the stereoscope in the Metallurgical lab.
- Record results.